

## Program Degree Plan

### Fifth Semester

Code	Title	Cr	Pre.
CPCS-204	Data Structures (1)	3	CPCS-203
CPCS-222	Discrete Structures (I)	3	---
CPIS-210	Computer Architecture & Organization	3	CPCS-202
BUS-232	Principles of Marketing	2	BUS-230
---	College Free (I) *	3	---
Total		14	

### Seventh Semester

Code	Title	Cr	Pre.
CPIS-351	IS Analysis & Architecture Design	3	CPIS-250
CPIS-354	Principles of Human-Computer Interaction	3	CPIS-250
CPIS-358	Internet Applications & Web Programming	3	CPIS-250
ACCT 333	Principles of Accounting	2	BUS-230
CPIS-357	Software Quality and Testing	3	CPIS-334 CPIS-250
Total		14	

### Summer Semester

CPIS-323 Summer (Workplace) Training Credit: 0 Training: 200 Hours

### Fourth Semester

Code	Title	Cr	Pre.
ISLS 201	Islamic Culture (2)	2	ISLS 101
ARAB 101	Arabic Language (1)	3	---
CPCS-203	Programming (II)	3	CPCS-202
CPIS-220	Principles of Information Systems	3	CPCS-202
BUS-230	Principles of Management	3	---
Total		14	

### Sixth Semester

Code	Title	Cr	Pre.
CPIS-222	Principles of Operating Systems	3	CPIS-210 CPCS-204
CPIS-240	Database Management Systems (I)	3	CPCS-204
CPIS-334	Introduction to Software Project Management	2	---
BUS-233	Organizational Behavior	3	
CPIS-250	Software Engineering	3	CPCS-204
CPIS-370	Fundamentals of Data Networks	3	CPIS-210 CPCS-204
Total		17	

### Eighth Semester

Code	Title	Cr	Pre.
CPIS-312	Information & Computer Security	3	CPIS-370
CPIS-352	IS Applications Design & Development	3	CPIS-351
CPIS-380	Introduction to E-Business Systems	3	CPIS-351 CPIS-358
ARAB 201	Arabic Language (2)	3	ARAB 101
---	Program Elective (1)	3	---
Total		15	

Ninth Semester				Tenth Semester			
Code	Title	Cr	Pre.	Code	Title	Cr	Pre.
ISLS 301	Islamic Culture (3)	2	ISLS 201	ISLS 401	Islamic Culture (4)+	2	ISLS 301
CPIS-498	Senior Project 1	1	Senior Level	CPIS-499	Senior Project 2	3	CPIS-498
CPIS-428	Professional Computing Issues	2	CPIS-323	CPIS-434	IS Strategies and Policies	3	CPIS-220
---	Department Elective (II)*	3	---	---	Department Elective (III)*	3	---
---	College Free (II)*	3	---	---	College Free (III)*	3	---
CPIS-342	Data Warehousing & Mining	3	CPIS-240				
Total		14		Total		14	
*Subject to approval by department and academic advisor				+ General ethics			